



**Program of Study**  
**Career Field: Industrial, Manufacturing, and Engineering Systems**  
**Career Cluster: Architecture and Construction**  
**Career Pathway: Construction**



## Metropolitan Community College

DEGREE:  
 Construction Tech.- Residential Finish Carpentry/Cabinetry  
[http://www.mccneb.edu/catalog/programs/program\\_pages\\_grid.asp](http://www.mccneb.edu/catalog/programs/program_pages_grid.asp)

	GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	GENERAL ELECTIVES		PATHWAY ELECTIVE COURSES			EXTENDED LEARNING SCHOOL/COMMUNITY ACTIVITIES	
HIGH SCHOOL	9	English/Language Arts I	Algebra I	Physical Science	Geography	World Languages and Cultures Physical Education Health Education Information Technology Applications I Entrepreneurship CAD (Computer Aided Drafting) Construction Drafting Housing and Home Furnishing Manufacturing/Woodworking		Intro to Built Environment  <i>Plus two from the following:</i> Principles of Construction Applications in Construction Electricity in the Construction Industry Electricity-Comprehensive			<i>School Activities:</i> FFA, SkillsUSA, OPPD/NPPD Power Drive, Math Club, Mathcounts	
	10	English/Language Arts II	Geometry	Biology	World History						<i>Community Activities:</i> Connect with architects Do home repair projects Work with a contractor Learn about history of buildings in your community	
	11	English/Language Arts III	Algebra II	Chemistry	American History						Part-time job within career cluster Internship within career cluster	
	12	English/Language Arts IV	Intro to Statistics Discrete Math Pre-Calc	Physics	American Government or Economcis							
METROPOLITAN COMMUNITY COLLEGE		COMMUNICATIONS	MATH	SCIENCE	SOCIAL SCI/ HUMANITIES	DEGREE REQUIREMENTS	MAJOR COURSES					
	13	Technical Writing	Applied Mathematics	(Refer to Major Courses)	Psychology for Everyday Living	Human Relations Skills	Introduction to Building Construction	Print Reading II Res./Lt. Comm.	Introduction to Carpentry	Builders Level, Transit, and Building Layout	Construction Safety (30 OSHA training)	
							Interior Finish	EIFS and Stucco Finish	Exterior Finish	Stair Construction	Introduction to Cabinet Making	
	14	Oral and Written Reports					Information Systems and Literacy	Demolition and Remodeling	Basic Cabinet Construction	General Painting, Staining, and Cabinet Finishing	Construction Estimating	Internship
							Take 3 hours of Electives					